

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037069.D
 Acq On : 1 Jun 2021 14:27
 Operator : SY/AP
 Sample : M2559-01DL 20X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG1DL

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:26 PM

Quant Time: Jun 04 11:10:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1636463	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4827836	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4420326	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3422700	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	26967	0.251	ppbv	90
10) Heptane	8.10	43	1739869	6.503	ppbv	99
13) Ethanol	3.61	45	139676m	9.751	ppbv	
15) Acetone	3.84	43	994596	5.934	ppbv	96
17) tert-Butyl alcohol	4.31	59	49324m	0.321	ppbv	
19) Isopropyl Alcohol	3.97	45	32586	0.362	ppbv #	30
26) Hexane	5.67	57	356303	1.732	ppbv #	48
30) Cyclohexane	7.11	84	76258m	0.436	ppbv	
34) 2-Butanone	5.25	43	44176	0.251	ppbv #	61
36) Benzene	6.87	78	217181	0.522	ppbv	96
53) Toluene	9.78	91	4595007	9.286	ppbv	99
58) Ethyl Benzene	12.69	91	430877	0.691	ppbv	97
59) m/p-Xylene	12.94	91	1234302	2.393	ppbv	99
60) o-Xylene	13.67	91	394129	0.801	ppbv	100
62) Isopropylbenzene	14.65	105	350727	0.496	ppbv	97
69) p-Isopropyltoluene	17.63	119	194216	0.260	ppbv #	92
72) 4-Ethyltoluene	15.82	105	154420	0.265	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.98	105	99133m	0.181	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	329799	0.582	ppbv #	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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